



Project stamp	
Project name	Node Registration 2_0
Planned start-end	01/03/2013 – 09/25/2013
Expected start-end	01/03/2013 – 09/25/2013
Objective	Provide a better user interface for registering system and network information in CMDb. Establish outbound synchronization with Infoblox and EquipDB. Make ServiceNow the authoritative source for CMDb-related data.



06/03/2013




## Summary / Highlights

	<i>Oracle Sync testing is in progress.</i>
	<i>Infoblox sync table is being populated for all record types. Waiting to start sending the data to the Python Infoblox API.</i>

## Activities completed within the last 14 days

#	Title	Group	Status	MS	Start	<u>End</u>	Resources
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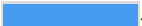

























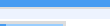










## All activities within the next 14 days

#	Title	Group	Status	MS	Start	Deadline	Resources
51	Outbound Sync EquipDB – testing		 35%		05/06/2013	06/28/2013	Krysia Jacobs Norman Ho Shirley Jones
64	Develop synch mechanism from SNOW to Infoblox API	Outbound Sync – Infoblox			06/07/2013	06/27/2013	Krysia Jacobs Michael Zalokar Mike Baker
69	Initial development and testing in Python	Develop Infoblox API app	 10%		05/16/2013	06/12/2013	Krysia Jacobs Michael Zalokar
77	End-user registration of a personally owned device	Develop Basic SNOW catalog items and workflows	 50%		05/24/2013	06/05/2013	Krysia Jacobs Mike Baker
80	End-user registration of a Fermi owned device	Develop Basic SNOW catalog items and workflows			06/05/2013	06/24/2013	Krysia Jacobs Mike Baker





## Resource assignments within the next 14 days

#	Title	Group	Status	MS	Start	Deadline
<b>Krysia Jacobs</b>						
52	Outbound Sync EquipDB – testing		35%		05/06/2013	06/28/2013
65	Develop synch mechanism from SNOW to Infoblox API	Outbound Sync – Infoblox			06/07/2013	06/27/2013
70	Initial development and testing in Python	Develop Infoblox API app	10%		05/16/2013	06/12/2013
78	End-user registration of a personally owned device	Develop Basic SNOW catalog items and workflows	50%		05/24/2013	06/05/2013
81	End-user registration of a Fermi owned device	Develop Basic SNOW catalog items and workflows			06/05/2013	06/24/2013
<b>Michael Zalokar</b>						
66	Develop synch mechanism from SNOW to Infoblox API	Outbound Sync – Infoblox			06/07/2013	06/27/2013
71	Initial development and testing in Python	Develop Infoblox API app	10%		05/16/2013	06/12/2013
<b>Mike Baker</b>						
67	Develop synch mechanism from SNOW to Infoblox API	Outbound Sync – Infoblox			06/07/2013	06/27/2013
79	End-user registration of a personally owned device	Develop Basic SNOW catalog items and workflows	50%		05/24/2013	06/05/2013
82	End-user registration of a Fermi owned device	Develop Basic SNOW catalog items and workflows			06/05/2013	06/24/2013
<b>Norman Ho</b>						
53	Outbound Sync EquipDB – testing		35%		05/06/2013	06/28/2013
<b>Shirley Jones</b>						
54	Outbound Sync EquipDB – testing		35%		05/06/2013	06/28/2013




# Timeline

Title	Start	End	01/03/2013	09/25/2013
<b>Initial Planning</b>	01/03/2013	02/27/2013	 ✓	
<b>Outbound Synchronization – EquipDB – Development</b>	03/04/2013	05/03/2013	 ✓	
Sync table layout	03/04/2013	03/04/2013	 ✓	
Build sync table in SNOW	03/04/2013	03/04/2013	 ✓	
Build sync table in Oracle	03/05/2013	03/05/2013	 ✓	
Establish synchronization to Oracle	03/06/2013	03/14/2013	 ✓	
Build result table in Oracle	04/05/2013	04/08/2013	 ✓	
Populate sync for Asset/System	03/06/2013	03/12/2013	 ✓	
Process sync for Asset/System	04/11/2013	05/03/2013	 ✓	
Populate sync for MAC	03/29/2013	04/03/2013	 ✓	
Process sync for MAC	04/05/2013	04/25/2013	 ✓	
Populate sync for DNS	04/08/2013	04/09/2013	 ✓	
Process sync for DNS	04/10/2013	04/26/2013	 ✓	
Establish result synchronization from Oracle	04/11/2013	04/12/2013	 ✓	
Populate sync for Component/Container	04/09/2013	04/09/2013	 ✓	
Process sync for Component/Container	04/18/2013	05/02/2013	 ✓	
Re-do inbound sync for Admin-type Claims	04/09/2013	04/27/2013	 ✓	
Populate sync for Claims	04/23/2013	04/24/2013	 ✓	
Process sync for Claims	04/22/2013	05/02/2013	 ✓	
<b>Outbound Sync EquipDB – testing</b>	05/06/2013	06/28/2013	 35%	
<b>CMDB data security changes</b>	04/10/2013	05/16/2013	 ✓	
<b>Outbound Sync – Infoblox</b>	03/15/2013	06/27/2013	 62%	
Populate sync for MAC	03/15/2013	03/21/2013	 ✓	
Populate sync for DNS	03/22/2013	04/03/2013	 ✓	
Develop synch mechanism from SNOW to Infoblox API	06/07/2013	06/27/2013		
<b>Develop Infoblox API app</b>	05/16/2013	08/01/2013	 4%	
Initial development and testing in Python	05/16/2013	06/12/2013	 10%	
Final development and testing of the sync methods	06/27/2013	08/01/2013		
<b>Develop Basic SNOW catalog items and workflows</b>	05/24/2013	07/17/2013	 10%	
End-user registration of a personally owned device	05/24/2013	06/05/2013	 50%	
End-user registration of a Fermi owned device	06/05/2013	06/24/2013		
Admin – single node registration	06/24/2013	07/02/2013		
DNS / Static IP request	06/24/2013	07/17/2013		
<b>Develop Advanced SNOW catalog items and workflows</b>	07/17/2013	09/25/2013		
Admin – batch registration	07/17/2013	07/25/2013		
Prep utilities	08/26/2013	09/24/2013		
Other	07/17/2013	09/25/2013		



## Milestones

#	Title	Group	Status	Deadline	Resources
7	Project kick-off		 ✓	03/04/2013	
75	Outbound Sync Infoblox – SNOW table populated		 ✓	04/09/2013	
49	Outbound Sync Equipdb – SNOW table populated		 ✓	04/24/2013	
50	Outbound Sync Equipdb – Oracle processing completed		 ✓	05/10/2013	
55	EquipDB sync complete			06/28/2013	
89	Basic Node Registration Completed			07/17/2013	
90	Infoblox sync complete			08/01/2013	
91	Enable synchronization in production			08/01/2013	
92	Enable basic node registration in production			08/12/2013	
109	Advanced node registration completed			09/25/2013	









## Risks

	Item	Risk Description	Status	Project Impact
	Outbound Sync – Infoblox	The RESTful API from Infoblox has all the methods that will be needed for this project, but there is a possibility that it may be missing some functionality within the methods. Since this is our first attempt at using this API, we won't know this till more work has been done.	10% probability	Low
	Outbound Sync – Infoblox	There is a possibility that using REST to communicate with Infoblox may be too slow. We won't know till some development work has been done.	10% probability	Low
	Outbound Sync – Infoblox	Resource availability for the development of the Python API to Infoblox may cause project delays.	20% probability	Medium

## Issues

	Item	Description	Priority	Status	Assigned To	Identified By
	Outbound Sync EquipDB – testing	When a business rule in ServiceNow issues setAbortAction() to prevent the database operation, subsequent business rules still fire. This caused sync records to be sent even though the underlying data operation did not happen. Additional logic was added to prevent these syncs.	0	Fixed	Krysia Jacobs	Shirley Jones 05/28/2013
	Outbound Sync EquipDB – testing	Using a trigger for sending outbound sync records to Oracle results in records being delivered out of sequence. Need to re-design this mechanism to be time-based rather than trigger-based.	1	Fixed	Mike Baker	Shirley Jones 05/09/2013

Legend

Symbols	 In progress	 At risk	 On track	 Milestone	 Completed	
	 Note	 Issue	 Risk			
Dates	Past due	Normal	Expected within the report time horizon			
Priority color markers	Very High	High	Normal	Low	Very Low	Critical Path